MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JULY, 1935

J. A. BROWN, DIRECTOR

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JULY 1935

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	57.4	55.7	56.8	56.6	32.1	23 2	28.6	31.3	25.9	28.6
2	4.4	6.7	5.8	5.6	32.4	23.4	28.9	31.9	26.1	28.9
3	6.4	5.1	5.4	5.6	32.7	23.3	27.2	30.5	27.2	28.3
4	4.7	4.5	5.3	4.8	34.4	23.3	27.1	30.5	26.7	28.1
5	5.3	5.3	5.4	5.3	32.9	24.7	29.9	31.9	25.6	28.5
6	55.6	55.2	55.3	55.4	33.8	22.8	29.7	32.7	26.1	29.5
7	5.3	5.3	5.8	5.5	34.3	23.1	28.9	32.1	26.1	29.0
8	5.7	5.4	4.6	5.2	31.9	23.3	29.3	31.6	25.5	28.8
9	3.2	2.5	1.8	2.5	32.2	22.8	29.3	31.3	26.1	29.2
10	1.1	1.0	3.0	1.7	32.1	23.8	29.3	30.6	26.2	30.5
11	55.1	55.6	56 3	55.7	32.2	23.8	28.4	30.7	24.8	28.0
12	5.6	6.3	6.7	6.2	30.6	22.8	28.7	30.2	25.8	28.2
13	5.6	6.9	8.0	6.8	31.1	22.8	28.4	27.7	24.9	27.0
14	8.9	8.6	9.0	8.8	32.4	21.8	27.8	31.5	26.3	28.5
15	9.8	9.5	9.4	9.6	31 4	22.2	28.2	30.4	24.8	27.8
16	58.0	56.4	56.6	57.0	31.9	22.2	28.2	30.9	25.6	28.2
17	4.6	3.1	2.6	3.4	32.2	22.2	28.9	30.9	26.1	28.6
18	2.1	1.9	2.3	2.1	32.2	22.2	29.4	31.1	25.6	27.7
19	4.1	4 5	5.4	4.7	31.9	23.3	28.3	31.1	25.4	28 3
20	5.1	4.3	4.9	4.8	32.3	22.8	27.2	31.5	25.9	28.2
21	53 8	52.9	52.6	53.1	32.2	22.8	28.0	31.5	25.8	28.4
22	3.2	3.0	4.9	3.7	32.8	23.6	28.9	32.1	26.3	29.1
23	4 8	4.7	2.8	4.1	33.3	23.9	28.8	31.7	26.6	29.0
24	5.7	5.7	5.9	5.8	33.8	23.3	28.8	33.2	26 9	29.6
25	4.7	4.5	4.4	4.5	33.8	23.0	28.9	31.2	26.3	28 8
26	54.7	54.3	54.5	54.5	32.9	22.8	28.3	32.2	26.0	28.8
27	4.7	4.3	4.8	4.6	32.8	22.8	28.4	31.5	25 9	28.6
28	4.8	4.5	4.8	4.7	32.7	24.7	29.1	32.2	26.3	29.5
29	4.8	3.0	5.0	4 3	32.5	24.7	28.6	31.7	25.9	28.7
30	5.1	5.1	5.3	5.1	32.5	22.9	28.6	31.9	26.1	29.9
31	6.9	6.9	7.3	7.0	31.8	22.8	28.4	31.1	25.4	28.3
	755.20	758.15	755.25	755.11	32.51	23.15	28.60	31.31	26.35	28.66

Barometer, range for month 751.0 mm.–759.8 mm.
,, 50-yr. average for month 755.697 mm.
Thermometer, Range for month 21.8 C.—34.4 C.
,, 50-yr. average for month 27.83 C.
Rain, total for month 0.0 mm.
,, , 50-yr. average for month 0.51 mm.
,, , total, Sept. 1st to end of month 975.86 mm.
50-yr. average, Sept. 1st to end of month 907.05 mm.

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	24.1	25.4	23.3	18.9	14.3	19.2	17.5	64	56	76	66	13.0	
2	24.4	25.7	23.8	19.1	19.4	20.0	19.5	64	55	79	66	12.4	
3	22.2	21.6	20.5	16.2	13.5	13.5	14.4	60	42	50	54	13.5	
4	23.0	23.2	21.4	16.7	15.9	15.2	15.9	67	48	58	57	13.5	
5	23.2	24.4	21.9	16.2	16.9	16.7	16.6	51	48	69	56	13.4	
6	23.3	25.8	23.8	16.5	19.0	20.0	18.5	54	52	79	61	13.5	
7	23.9	26.6	24.4	18.5	21.1	21.3	20.3	64	59	85	69	13.2	
8	24.9	25.4	22.1	19.8	19.2	17.1	18.7	66	55	70	64	13.0	
9	24.3	24.7	23.1	18.6	17.9	18.5	18.3	62	52	73	62	13.9	
10	22.8	24.7	22.7	15.9	18.4	17.7	17.3	52	56	70	59	8.5	
11	22.1	23.8	21.7	15.2	16.8	16.8	16.3	53	51	72	59	12.0	
12	22.9	24.1	22.7	16.5	16.6	18.0	17.0	56	52	72	60	12.4	
13	22.8	22.8	21.2	16.4	16.9	15.9	16.4	57	61	67	62	13.0	
14	22.4	24.3	22.7	16.2	17.1	17.6	17.0	58	49	69	58	12.5	
15	22.8	23.7	22.2	16.6	16.8	17.8	17.1	58	52	76	62	13.0	
16	23.6	22.3	23.3	17.5	14.2	19.5	17.1	59	42	79	60	13.0	
17	24.7	25.3	23.8	19.5	19.3	20.0	19.6	66	58	80	68	12.8	
18	24.5	25.0	22.8	18.9	18.7	18.4	18.7	61	55	75	64	12.8	
19	22.8	24.6	22.8	16.4	17.9	17.4	17.2	57	53	72	61	12.4	
20	23.1	24.6	22.6	17.7	17.5	17.7	17.6	66	51	71	63	12.0	
21	23.3	25.1	23.3	17.6	18.4	19.3	18.4	63	53	77	64	6.4	
22	23.6	25.8	23.9	17.8	19.5	20.1	19.1	59	55	79	64	12.7	
23	24.9	26.3	24.6	20.1	20.8	21.2	20.7	68	59	81	70	12.7	
24	25.4	27.2	24.5	21.2	21.5	20.8	21.2	71	57	80	70	13.0	
25	22.3	24.9	22.9	15.3	19.1	18.1	17.5	51	54	70	58	12.0	
26	22.6	24.7	22.7	16.1	17.4	17.9	17.1	56	49	72	59	12.9	
27	24.1	25.2	23.9	18.8	18.7	20.2	19.2	66	54	82	67	12.5	
28	25.2	26.2	23.4	20.5	20.2	18.9	19.9	68	56	74	66	12.2	
29	21.7	25.6	23.2	14.5	19.3	18.9	17.6	49	55	75	60	12.5	
30	24.4	25.5	23.6	19.2	19.0	19.5	19.2	66	54	77	66	12.7	
31	24.1	24.6	21.9	18.8	17.9	16.8	17.8	66	53	70	63	12.8	
				17.65	18.39	18.39	18.62	60.6	53.0	73.5	62.5	12.46	

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	1cu	1cu	0	0.7	1sw	3sw	2sw	284.0	slight	
2	2cu	0	1st	1.0	1sw	1w	0	149.7	calm	
3	2cu	0	0	0.7	1w	6n	5n	133.6	rough	north gale
4	0	0	0	0.0	1w	3n	3n	159.3	„	
5	0	0	0	0.0	1w	1w	0	37.0	slight	
6	0	0	0	0.0	0	1w	0	35.4	calm	
7	0	0	0	0.0	2sw	0	0	223.4	„	
8	2cu	0	0	0.7	2sw	3w	2w	355.6	slight	
9	1cu	1cu	1cu	1.0	2w	2w	3w	432.6	„	
10	0	3cu	5cu	2.7	3sw	5w	3w	699.5	rough	
11	2cu	2cu	2cu	2.0	2sw	3nw	1w	349.8	„	
12	1cu	0	2cu	1.0	1w	2w	0	132.9	mod.	
13	1cu	2cu	1stcu	1.3	1sw	2w	1w	159.3	slight	
14	2cu	2cu	1cu	1.7	1sw	1sw	1sw	53.1	calm	
15	0	4cu	0	1.3	2w	2w	0	94.1	slight	
16	1cu	1cu	0	0.7	1sw	2w	0	8.0	„	
17	2cu	0	0	0.7	2sw	2w	2w	324.1	„	
18	2cu	0	1stcu	1.0	3sw	3sw	2sw	555.1	mod.	
19	1cu	3stcu	2cu	2.0	2nw	1w	2w	399.1	slight	
20	3cu	0	5cu	2.7	1sw	1sw	1w	173.3	calm	
21	3cu	2cu	1stcu	2.0	2w	1w	0	19.3	„	
22	1cu	1cu	0	0.7	2sw	3w	1w	234.3	„	
23	2cu	0	0	0.7	2sw	3w	1sw	331.2	„	
24	0	0	0	0.0	1sw	1w	1sw	265.7	„	
25	3stcu	2stcu	3stcu	2.7	2w	2nw	1w	194.7	„	
26	0	0	1stcu	0.3	1w	0	0	133.2	„	
27	3cu	1cu	0	1.3	1sw	2w	0	101.4	„	
28	3stcu	2stcu	0	1.7	3w	3nw	1sw	407.7	slight	
29	0	2cu	0	0.7	3w	3w	1w	533.8	mod.	
30	1cu	1cu	0	0.7	1sw	2w	1w	179.9	slight	
31	4cu	2cu	0	2.0	1sw	2w	1w	147.1	„	
				1.09	1.6	2.1	1.2	235.74		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	0	0	0	18	11	1	1	31
14:30	2	0	0	0	0	3	22	3	1	31
20:30	2	0	0	0	0	6	13	0	10	31
Totals	4	0	0	0	0	27	46	4	12	

Number of days with rain 0, fog 0, thunderstorms 0, gales 1.

50-yr. average number of days with rain during month 0.2